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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE STATEMENT  
ACCORDING TO 37 C.F.R. §1.97(b)**

APPLICANT(S):	Carlos Longo Areso	DOCKET NO:	P04,0037
SERIAL NO.:	10/775,834	ART UNIT:	1761
FILED:	February 10, 2004	EXAMINER:	
		CONF. NO.	1646

TITLE: ANTIMICROBIAL CASING

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §1.56 and the requirements of 37 C.F.R. §1.98, Applicant respectfully requests that a citation and examination of the references identified on the attached PTO 1449 form be made during the course of examination of the above-identified application for United States Patent.

The present Information Disclosure Statement is being filed according to 37 C.F.R. §1.97(b) and before the latter occurrence of:

- (1) three months from the filing date of a national application;
- (2) three months from the date of entry of the national stage as set forth in 37 C.F.R. 1.491 in an international application; or
- (3) the mailing date of a first Office Action on the merits.

**REMARKS**

The attached PTO 1449 form lists related art references for the above identified application.


**EXPLANATION OF RELEVANCE**

The relevance of references AA-AO and AQ-AX was discussed in the Specification. These references are all in English, so no further commentary on their teaching is required.

The filing of the present Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed as an admission that the information cited in the present Information Disclosure Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

The above citation of related art is not a representation that such art constitutes a complete or exhaustive listing of all pertinent related art, nor that it necessarily includes the closest or most relevant art. The aforementioned citation comprises a voluntary citation of related art of which applicant and his attorney are presently aware and is not intended to serve as a substitute for the Examiner's own search.

Submitted by,

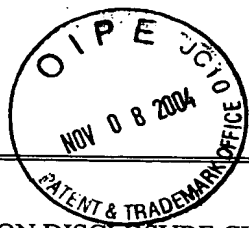
 (Reg. No. 45,877)

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#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on November 4, 2004.





<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (use several sheets if necessary)					Docket No. <b>P04,0037</b>		Serial No. <b>10/775,834</b>	
					Applicant <b>Carlos Longo Areso</b>			
					Filing Date <b>February 10, 2004</b>		Group Art Unit <b>1761</b>	

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA	2,521,101	9/5/1950	Thor et al.			
	AB	5,082,975	1/21/1992	Todd, Jr. et al.			
	AC	5,166,449	11/24/1992	Tood, Jr. et al.			
	AD	5,286,506	2/15/1994	Millis et al.			
	AE	5,370,863	12/6/1994	Barney et al.			
	AF	5,455,038	10/3/1995	Barney et al.			
	AG	5,573,797	11/12/1996	Wilboit			
	AH	6,251,461	1/26/2001	Johnson et al.			
	AI	6,326,185	12/4/2001	Barney et al.			
	AJ	6,352,726	3/5/2002	Haas et al.			
	AK	2001/0014365	8/16/2001	Johnson et al.			

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO01/05254 A2	1/25/2001	PCT				
	AM	WO01/05254 A3	1/25/2001	PCT				
	AN	WO00/38545	7/6/2000	PCT				
	AO	WO01/06877	2/1/2001	PCT				
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AQ	Harris, et al., "Sensitivity and Resistance of Listeria Monocytogenes ATCC 19115, Scott A, and UAL500 to nisin", J Food Prot 1991, 54: 836-40
	AR	Ming & Daeschel, "Nisin resistance of Food-Borne Bacteria and the Specific Resistance Responses of Listeria Monocytogenes, Scott A", J Food Prot 1993, 56: 944-8
	AS	Davies & Adams, "Resistance of Listeria Monocytogenes to the Bacteriocin Nisin", Int J Food Microbiol 1994, 21: 34 1-7
	AT	Song & Richard, "Antilisterial Activity of Three Bacteriocins Used at Sub Minimal Inhibitory Concentrations and Cross-resistance of the Survivors", Int J Food Microbiol 1997, 36: 155-61
	AU	Crandall & Montville, "Nisin Resistance in Listeria Monocytogenes ATCC 700302 is a Complex Phenotype", Appl Environ Microbiol 1998, 64: 23 1-7).
	AV	Rekhif, et al., "Selection and Properties of Spontaneous Mutants of Listeria Monocytogenes ATCC 15313 Resistant to Different Bacteriocins Produced by Lactic Acid Bacteria Strains", Curr Microbiol 1994, 28: 237-41
	AW	Rasch & Knochel, "Variations in Tolerance of Listeria Monocytogenes to Nisin, Pediocin PA-1 and Bavaricin A", Lett Appl Microbiol 1998, 27: 275-8)
	AX	Haas, G.J. and Barsoumian, R.J., Antimicrobial Activity of Hop Resins", Food Protec, 57: 59-61, 1994)

Examiner	Date Considered
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.